

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification as follows:

Please amend paragraph [0041] to read as follows:

**Figure 3A**, for example, illustrates integration of an optical waveguide 301 with a photodetector, which may be a photodiode (PD). ~~Photodetector~~ Photodiode 302 is formed on semiconducting layer 305. An optical layer 303 is formed over photodiode 302 and waveguide 301 is formed on optical layer 303. Light traveling through waveguide 301 can be coupled onto photodiode 302 at coupler 306.